

## CDA Polyclonal Antibody

<b>Catalog No.</b>	A13959	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IHC, IF	<b>Observed MW</b>	15kDa, 35kDa, 65kDa
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	16kDa

### Immunogen Information

**Immunogen** Recombinant fusion protein containing a sequence corresponding to amino acids 1-146 of human CDA (NP\_001776.1).

**Gene ID** 978

**Swiss prot** P32320

**Synonyms** CDA; CDD; cytidine deaminase

### Product information

**Source** Rabbit

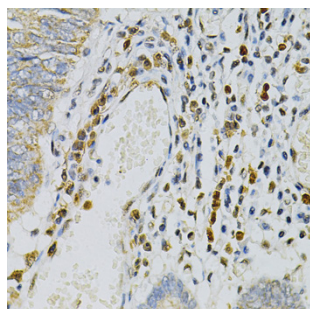
**Isotype** IgG

**Purification method** Affinity purification

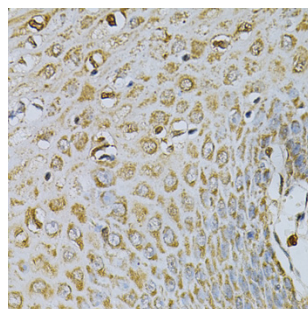
**Storage** Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

This gene encodes an enzyme involved in pyrimidine salvaging. The encoded protein forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias.



Immunohistochemistry - CDA Polyclonal Antibody (A13959)



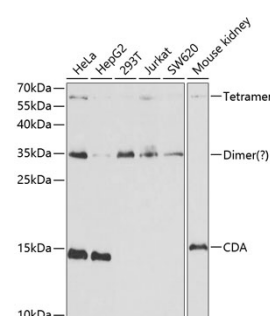
Immunohistochemistry - CDA Polyclonal Antibody (A13959)

### Recommended Dilutions

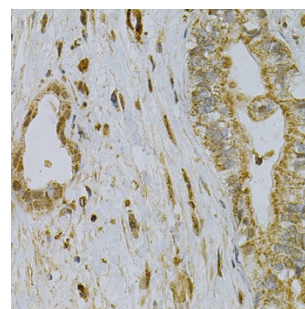
WB 1:500 -  
1:2000

IHC 1:50 -  
1:200

IF 1:50 -  
1:100



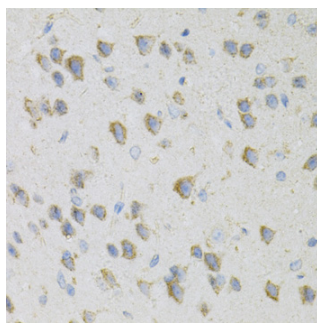
Western blot - CDA Polyclonal Antibody (A13959)



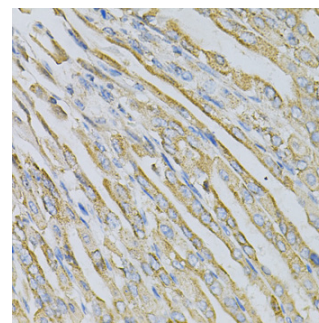
Immunohistochemistry - CDA Polyclonal Antibody (A13959)



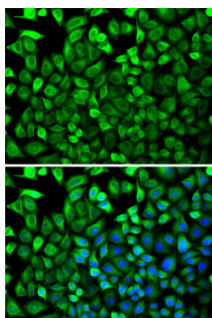
Immunohistochemistry - CDA Polyclonal Antibody (A13959)



Immunohistochemistry - CDA Polyclonal Antibody (A13959)



Immunohistochemistry - CDA Polyclonal Antibody (A13959)



Immunofluorescence - CDA Polyclonal Antibody (A13959)